

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70599

Participation : CTR

Employer : City of Tacoma

Status : Affected

Worksite : City of Tacoma - Public Utilities

Survey Type : Paper

Street : 3628 S 35th St

Response Rate : 57%

Jurisdiction : City of Tacoma

Survey Date : 5/7/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 19.5%

Drive Alone Rate : 80.5%

One-Way VMT per employee : 12.4

Average One-Way distance home to work : 15.7

Employees and Survey Response Information

Reported Total Employees at Worksite: 1,000

Surveys Distributed : 1,000

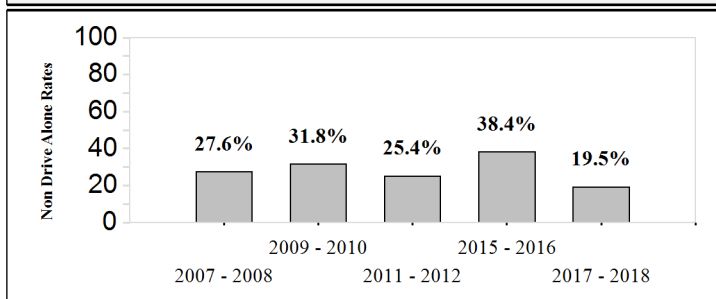
Surveys Returned : 572

Surveys Returned by CTR Affected* Employees : 538

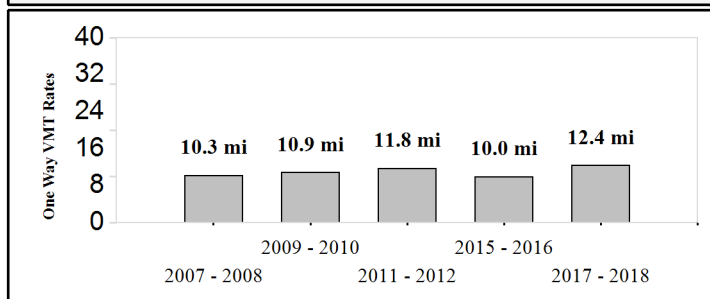
Total Estimated CTR Affected Employees at Worksite : 941

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

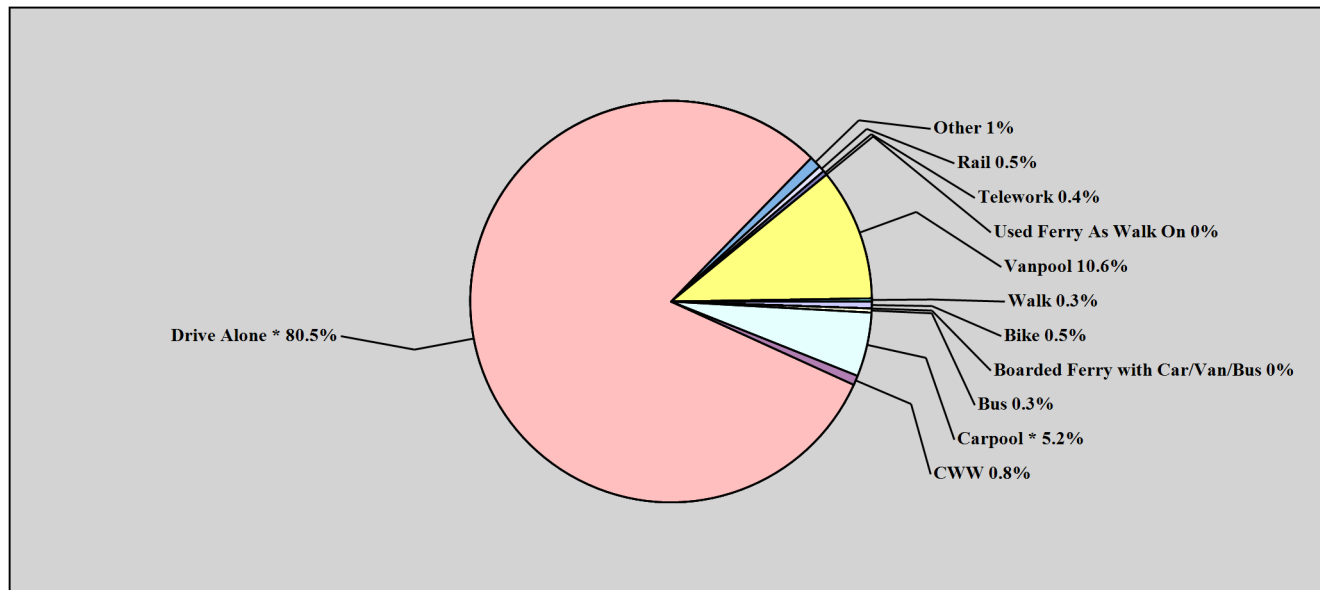
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	27.6%	28.1%	1590	2662	23.5	10.3	10.3
2009 - 2010	31.8%	33.0%	2028	2761	24.3	10.9	10.9
2011 - 2012	25.4%	26.9%	2501	3375	29.8	11.8	11.5
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	38.4%	38.7%	480	2317	20.4	10.0	10.0
2017 - 2018	19.5%	20.1%	1506	2632	23.2	12.4	12.4
Target	33.6%				Target:	8.4	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-8.1				% Change from Baseline:	20.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



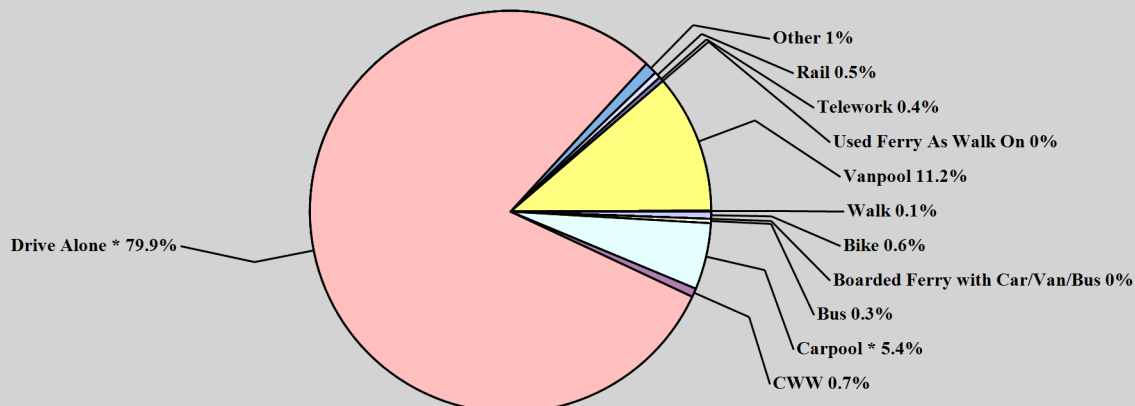
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,200	80.5%	61.6%	482	84.3%	69.7%
Carpool *	141	5.2%	10.8%	42	7.3%	13.7%
Vanpool	291	10.6%	20.6%	66	11.5%	23.1%
Bus	9	0.3%	1.6%	3	0.5%	1.7%
Rail	13	0.5%	0.7%	3	0.5%	1.3%
Bike	15	0.5%	2.2%	6	1.0%	2.6%
Walk	7	0.3%	0.9%	2	0.4%	0.9%
Telework	10	0.4%	0.1%	4	0.7%	0.4%
CWW	21	0.8%	1.2%	17	3.0%	6.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	26	1.0%	0.4%	8	1.4%	1.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,075	79.9%	61.3%	456	84.8%	69.4%
Carpool *	139	5.4%	10.8%	41	7.6%	13.8%
Vanpool	291	11.2%	20.7%	66	12.3%	23.3%
Bus	9	0.3%	1.6%	3	0.6%	1.7%
Rail	13	0.5%	0.7%	3	0.6%	1.3%
Bike	15	0.6%	2.2%	6	1.1%	2.6%
Walk	2	0.1%	0.9%	1	0.2%	0.9%
Telework	10	0.4%	0.1%	4	0.7%	0.4%
CWW	18	0.7%	1.2%	15	2.8%	6.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	26	1.0%	0.4%	8	1.5%	1.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	431	75%	572	100%
1 Days	24	4%	141	25%
2 Days	8	1%	117	20%
3 Days	19	3%	109	19%
4 Days	16	3%	90	16%
5 Days	73	13%	74	13%
6 or More Days	1	0%	1	0%

Count by Occupancy of Carpools and Vanpools

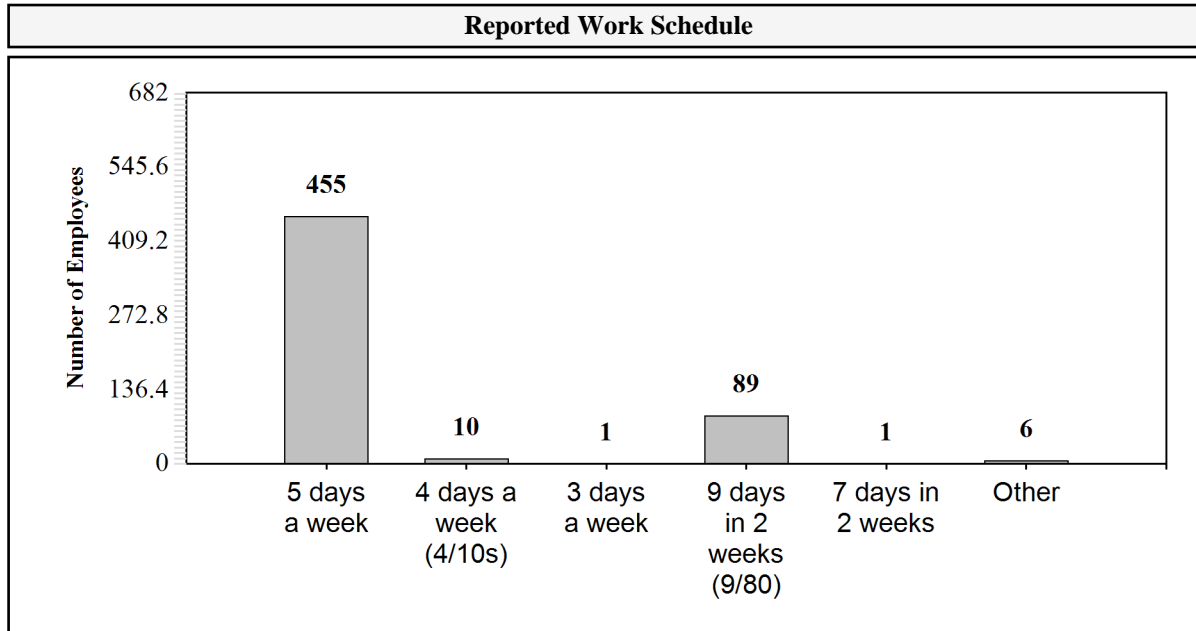
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	134
3	Carpool	6
4	Carpool	1
5	Carpool	0
>5	Carpool	0
<5	Vanpool	77
5	Vanpool	77
6	Vanpool	84
7	Vanpool	30
8	Vanpool	13
9	Vanpool	5
10	Vanpool	5
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

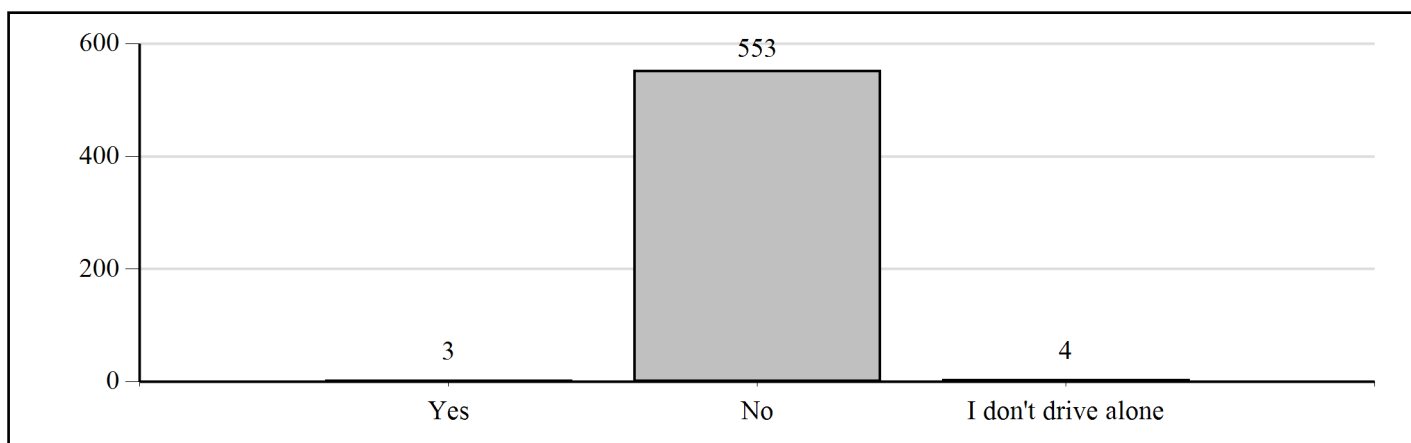
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	455	81%
4 days a week (4/10s)	10	1.8%
3 days a week	1	0.2%
9 days in 2 weeks (9/80)	89	15.8%
7 days in 2 weeks	1	0.2%
Other	6	1.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	9	1.6%
I don't telework	504	88.1%
Occasionally, on an as-needed basis	51	8.9%
1-2 days/month	6	1.0%
1 day/week	1	0.2%
2 days/week	0	0.0%
3 days/week	1	0.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	155	21.2%
Free or subsidized bus, train, vanpool pass or fare benefit	80	10.9%
Personal health or well-being	76	10.4%
Other	75	10.3%
Environmental and community benefits	66	9.0%
Financial incentives for carpooling, bicycling or walking.	60	8.2%
Emergency ride home is provided	47	6.4%
Driving myself is not an option	40	5.5%
Preferred/reserved carpool/vanpool parking is provided	40	5.5%
Cost of parking or lack of parking	34	4.7%
I have the option of teleworking	32	4.4%
To save time using the HOV lane	21	2.9%
I receive a financial incentive for giving up my parking space	5	0.7%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	351	27.4%
Riding the bus or train is inconvenient or takes too long	311	24.3%
Family care or similar obligations	221	17.3%
My commute distance is too short	168	13.1%
Other	136	10.6%
Bicycling or walking isn't safe	47	3.7%
My job requires me to use my car for work	29	2.3%
I need more information on alternative modes	17	1.3%
There isn't any secure or covered bicycle parking	1	0.1%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98406	29	5.07%	132	3	0	0	0	0	0	0	1	1	0	0	0
98405	28	4.90%	103	5	20	0	5	0	5	2	0	1	0	0	0
98466	28	4.90%	119	4	5	1	0	0	0	0	0	3	0	0	5
98407	25	4.37%	109	9	3	0	1	0	0	0	0	1	0	0	5
98408	23	4.02%	100	6	0	0	0	0	0	0	0	1	0	0	0
98338	22	3.85%	41	3	58	2	0	0	0	0	0	1	0	0	0
98387	21	3.67%	70	1	15	5	0	0	0	0	0	0	0	0	8
98375	19	3.32%	78	3	5	5	0	0	0	0	7	1	0	0	0
98498	18	3.15%	78	10	0	0	0	0	0	0	0	0	0	0	1
98335	16	2.80%	60	8	0	2	0	0	7	0	0	1	0	0	0
98444	16	2.80%	71	5	0	2	0	0	0	0	0	0	0	0	0
98467	16	2.80%	69	2	8	0	0	0	0	0	0	0	0	0	0
98445	15	2.62%	70	1	3	0	0	0	0	0	0	1	0	0	0
	13	2.27%	14	3	0	0	0	0	0	0	0	0	0	0	4
98371	12	2.10%	48	5	0	0	0	5	0	0	0	0	0	0	0
98373	12	2.10%	52	0	9	0	0	0	0	0	0	0	0	0	0
98404	12	2.10%	46	7	0	0	0	0	0	0	0	0	0	0	1
98365	11	1.92%	0	0	55	0	0	0	0	0	0	0	0	0	0
98374	11	1.92%	31	10	8	1	0	0	0	0	0	0	0	0	2
98409	11	1.92%	48	0	0	0	0	0	0	5	0	0	0	0	0
98499	11	1.92%	55	0	0	0	0	0	0	0	0	0	0	0	0
98391	10	1.75%	44	0	5	0	0	0	0	0	0	0	0	0	0
98422	10	1.75%	48	2	1	0	0	0	0	0	0	0	0	0	0
98023	9	1.57%	44	0	0	0	0	0	0	0	0	0	0	0	0
98328	8	1.40%	33	1	5	0	0	0	0	0	1	0	0	0	0
98372	8	1.40%	33	0	4	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98418	7	1.22%	35	0	0	0	0	0	0	0	0	0	0	0	0
98465	7	1.22%	36	0	0	0	0	0	0	0	0	0	0	0	0
98349	6	1.05%	4	5	19	0	0	0	0	0	0	2	0	0	0
98506	6	1.05%	22	0	4	0	0	0	0	0	0	2	0	0	0
98513	6	1.05%	21	0	7	0	0	0	0	0	0	0	0	0	0
98516	6	1.05%	22	2	4	0	0	0	0	0	0	0	0	0	0
98580	6	1.05%	16	4	5	5	0	0	0	0	0	0	0	0	0
98329	5	0.87%	17	0	5	0	0	0	0	0	0	0	0	0	0
98332	5	0.87%	20	0	5	0	0	0	0	0	0	0	0	0	0
98403	5	0.87%	16	0	0	0	0	0	3	0	0	0	0	0	0
98443	5	0.87%	26	0	0	0	0	0	0	0	0	0	0	0	0
98003	4	0.70%	19	0	0	0	0	0	0	0	0	0	0	0	0
98366	4	0.70%	13	0	7	0	0	0	0	0	0	0	0	0	0
98402	4	0.70%	17	0	0	0	3	0	0	0	0	0	0	0	0
98092	3	0.52%	15	0	0	0	0	0	0	0	0	0	0	0	0
98327	3	0.52%	9	6	0	0	0	0	0	0	0	0	0	0	0
98360	3	0.52%	15	0	0	0	0	0	0	0	0	0	0	0	0
98367	3	0.52%	9	5	0	0	0	0	0	0	0	1	0	0	0
98446	3	0.52%	15	0	0	0	0	0	0	0	0	0	0	0	0
98501	3	0.52%	6	0	9	0	0	0	0	0	0	0	0	0	0
98597	3	0.52%	4	5	0	0	0	0	0	0	0	4	0	0	0
98058	2	0.35%	7	3	0	0	0	0	0	0	0	0	0	0	0
98070	2	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98354	2	0.35%	8	0	0	2	0	0	0	0	0	0	0	0	0
98359	2	0.35%	3	4	0	3	0	0	0	0	0	0	0	0	0
98388	2	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98390	2	0.35%	0	5	5	0	0	0	0	0	0	0	0	0	0
98424	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98502	2	0.35%	9	0	1	0	0	0	0	0	0	0	0	0	0
98503	2	0.35%	5	0	5	0	0	0	0	0	0	0	0	0	0
98512	2	0.35%	9	0	0	0	0	0	0	0	0	0	0	0	0
98	1	0.17%	0	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.17%	0	0	0	0	0	5	0	0	0	0	0	0	0
98031	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.17%	4	0	0	0	0	0	0	0	0	1	0	0	0
98042	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
98049	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	0.17%	2	0	0	0	0	3	0	0	0	0	0	0	0
98112	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98301	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98303	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.17%	1	0	4	0	0	0	0	0	0	0	0	0	0
98321	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
9833	1	0.17%	0	0	5	0	0	0	0	0	0	0	0	0	0
98333	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98336	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98350	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98351	1	0.17%	2	1	2	0	0	0	0	0	0	0	0	0	0
98383	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98395	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98411	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98532	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98541	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98546	1	0.17%	4	1	0	0	0	0	0	0	0	0	0	0	0
98547	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98579	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.17%	4	0	0	0	0	0	0	0	1	0	0	0	0